1 977 q-switch\$4 adj laser 264 projection and (q-switch\$4 adj laser) USPAT 2004/03/22 14:11 2004/03/22 14:11 2004/03/22 14:11 2004/03/22 14:11 2004/03/22 14:11 2004/03/22 14:11 2004/03/22 14:12 2004/03/22 12:12 2004/03/22 13:12	L Number	Hits	Search Text	DB	Time stamp
2				USPAT	
1	_				
68		-			
14			mode-rocked adj raser		
1936 1847/44.ccls. 1936 1877 2004/03/21 18:51 2004/03/21 1	4				
1936 laser and 'spatial light modulator' 38744.ccls. and (laser and 'spatial light modulator') 3 pulse and (348/74.ccls. and (laser and 'spatial light work) 18:16 19:204/03/21 lis:16 1	14	1	5740190.pn.	USPAT	
1936 laser and 'spatial light modulator' 37,444.ccls. and (laser and 'spatial light modulator') 3 pulse and (348/744.ccls. and (laser and 'spatial light modulator') 18,750.ccls. and (laser and 'spatial light modulator') 18,750.ccls. and (laser and 'spatial light modulator') 18,750.ccls. and (laser and 'spatial light modulator') 18,755.760.764,770.771.ccls. and (laser and 'spatial light modulator') 18,755.750.764,770.771.ccls. and (laser and 'spatial light modulator') 18,755.750.764,770.771.ccls. and (laser and 'spatial light modulator') 18,755.750.760.764,770.771.ccls. and (laser and 'spatial light modulator') 18,755.750.760.764,770.771.ccls. and laser 18,755.750.760.764,770.771.ccls.	-	264	348/744.ccls.	USPAT	2004/03/21 17:57
- 348/744.ccls. and (laser and 'spatial light modulator') - 319 pulse and (348/744.ccls. and (laser and 'spatial light modulator') - 348/750.ccls. and (laser and 'spatial light modulator') - 348/750.ccls. and (laser and 'spatial light modulator') - 44 348/750.ccls. and (laser and 'spatial light modulator') - 548 348/755-760,764.770.771.ccls. and (laser and 'spatial light modulator') - 25 pulse and (348/750.764.770.771.ccls. and (laser and 'spatial light modulator') - 27 pulse54 and (348/755-760.764.770.771.ccls. and (laser and 'spatial light modulator') - 38 353/31.34.94.ccls. and (laser and 'spatial light modulator') - 39 pulse54 and (348/755-760.764.770.771.ccls. and (laser and 'spatial light modulator') - 30 pulse54 and (348/750.76).764.770.771.ccls. and (laser and 'spatial light modulator') - 39 pulse54 and (348/750.76).764.770.771.ccls. and (laser and 'spatial light modulator') - 39 pulse54 and (348/750.76).764.770.771.ccls. and (laser and 'spatial light modulator') - 39 pulse54 and (348/750.76).764.770.771.ccls. and (laser and 'spatial light modulator') - 47 pulse54 and (348/750.76).764.770.771.ccls. and (laser and 'spatial light modulator') - 48 digital\$4 and (laser and 'spatial light modulator') - 28 laser and 'spatial light modulator') - 28 laser and 'spatial light modulator' and pulse54 - 49 digital\$4 and (laser and 'spatial light modulator') - 40 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 50 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 60 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 70 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 70 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 71 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 71 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 71 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 72 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' - 73 digital\$4 and (laser with pulse\$4) a	_	1936		USPAT	2004/03/21 18:51
modulator') 3 pulse and (348/744.ccls. and (laser and 'spatial light modulator') 18:15 348/750.ccls. and (laser and 'spatial light modulator') 19:16 348/750.ccls. and (laser and 'spatial light modulator') 19:16 348/750.ccls. and (laser and 'spatial light modulator') 19:16 348/755-760.764,770,771.ccls. and (laser and 'spatial light modulator') 19:16 359/237.264.238.276.291.340.ccls. and (laser and 'spatial light modulator') 19:16 359/237.264.238.276.291.340.ccls. and (laser and 'spatial light modulator') 19:16 359/237.264.238.276.291.340.ccls. and (laser and 'spatial light modulator') 19:17 19:18	_				
3 pulse and (348/744.ccls. and (laser and 'spatial light modulator') 348/750.ccls. 348/755-760.764.770.771.ccls. 348/755-757.ccls. 348/755-757.ccl	-	,		USFAI	2004/03/21 10:10
Spatial light modulator') Spatial light modulator' Spatial		ŀ			1
78 348/750.ccls. and (laser and 'spatial light modulator') 6 pulse and (348/750.ccls. and (laser and 'spatial light modulator') 7	-	3		USPAT	2004/03/21 18:16
78 348/750.ccls. and (laser and 'spatial light modulator') 6 pulse and (348/750.ccls. and (laser and 'spatial light modulator') 7			'spatial light modulator'))		}
3 348/750.ccls. and (laser and 'spatial light modulator') pulse and (348/750.ccls. and (laser and 'spatial light modulator') pulse and (348/750.ccls. and (laser and 'spatial light modulator') 348/755-760.764,770.771.ccls. and (laser and 'spatial light modulator') USPAT	_	78		USPAT	2004/03/21 18:15
modulator'		1	1 '		
Spatial light modulator:	-	,		USPAI	2004/03/21 19:18
Separatial light modulator') Separation			· · · · · · · · · · · · · · · · · · ·		
- 48 348/755-760,764,770,771.ccls.	-	6	pulse and (348/750.ccls. and (laser and	USPAT	2004/03/21 17:57
- 48 348/755-760,764,770,771.ccls.		-	'spatial light modulator'))		
- 44 348/755-760,764,770,771.ccls. and (laser and 'spatial light modulator') - 23 pulse and (348/755-760,764,770,771.ccls. and (laser and 'spatial light modulator') - 889 353/31,34,94.ccls. and (laser and 'spatial light modulator') - 24 pulses4 and (348/755-760,764,770,771.ccls. and (laser and 'spatial light modulator') - 9 pulses4 and (335/31,34,94.ccls. and (laser and 'spatial light modulator') - 9 pulses4 and (335/31,34,94.ccls. and (laser and 'spatial light modulator') - 1184 359/237,264,238,276,291,340.ccls 1123 359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator') - 47 pulse54 and (359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator') - 233 laser and 'spatial light modulator') - 233 laser and 'spatial light modulator' and pulse54 - 187 digital\$4 and (laser and 'spatial light modulator' and pulse54 - 188 digital\$4 and (laser and 'spatial light modulator' and pulse54) - 188 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator' - 180 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator' - 188 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator' - 189 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator' - 189 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator' - 189 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator' benodulator' benodulator' and benodulator' benodulator' digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator' benodulator' benodulator' benodulator' benodulator' benodulator' digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator' digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' benodulator'	_	548		USPAT	2004/03/21 19:25
"spatial light modulator" 2004/03/22 11:02					
23 pulse and (348/755-760,764,770,771.ccls. and (laser and 'spatial light modulator') USPAT 2004/03/21 lis:03 133/31,34,94.ccls. and (laser and 'spatial light modulator') 24 pulse\$4 and (353/31,34,94.ccls. and (laser and 'spatial light modulator') 3 pulse\$4 and (353/31,34,94.ccls. and (laser and 'spatial light modulator') 2 pulse\$4 and (353/31,34,94.ccls. and (laser and 'spatial light modulator') 2 2 2 2 2 2 2 2 2	-	· • • • •		USPAI	2004/03/21 18:32
Claser and 'spatial light modulator') 353/31,34,94.ccls. and (laser and 'spatial light modulator') 24 pulse\$4 and (348/755-756.076,761,770.771.ccls. and (laser and 'spatial light modulator') pulse\$4 and (353/31,34,94.ccls. and (laser and 'spatial light modulator') pulse\$4 and (353/31,34,94.ccls. and (laser and 'spatial light modulator') pulse\$4 and 'spatial light modulator') 2004/03/21 18:43 359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator') pulse\$4 and (spatial light modulator') 2004/03/21 18:44 2004/03/21 18:45 2004/03/21 18:46 2004/03/21 19:26 2004/03/21 18:46 2004/03/21 19:26 2004/03/21 19:26 2004/03/21 19:26 2004/03/21 19:26 2004/03/21 19:26 2004/03/21 19:26 2004/03/21 19:26 2004/03/21 19:26 2004/03/21 19:26 2004/03/21 19					1
- 889 353/31,34,94.ccls. and (laser and 'spatial light modulator') - 24 pulse\$4 and (348/755-760,764,770,771.ccls. and (laser and 'spatial light modulator')) - 9 pulse\$4 and (353/31,34,94.ccls. and (laser and 'spatial light modulator')) - 1184 359/237,264,238,276,291,340.ccls 122 359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator') - 1283 laser and 'spatial light modulator') - 283 laser and 'spatial light modulator') - 283 laser and 'spatial light modulator') - 283 laser and 'spatial light modulator') - 284 digital\$4 and (laser and 'spatial light modulator') - 187 digital\$4 and (laser and 'spatial light modulator') - 188 digital\$4 and (laser and 'spatial light modulator') - 194 (laser with pulse\$4) and 'spatial light modulator' - 195 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 195 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 195 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 196 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 197 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 198 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 198 digital\$4 and ((laser with pulse\$4) and 'spatial light would top' between the pulse\$4 and 'spatial light would top' between the pulse\$	-	23		USPAT	2004/03/22 11:02
- 889 353/31,34,94.ccls. and (laser and 'spatial light modulator') - 24 pulse\$4 and (348/755-760,764,770,771.ccls. and (laser and 'spatial light modulator')) - 9 pulse\$4 and (353/31,34,94.ccls. and (laser and 'spatial light modulator')) - 1184 359/237,264,238,276,291,340.ccls 122 359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator') - 1283 laser and 'spatial light modulator') - 283 laser and 'spatial light modulator') - 283 laser and 'spatial light modulator') - 283 laser and 'spatial light modulator') - 284 digital\$4 and (laser and 'spatial light modulator') - 187 digital\$4 and (laser and 'spatial light modulator') - 188 digital\$4 and (laser and 'spatial light modulator') - 194 (laser with pulse\$4) and 'spatial light modulator' - 195 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 195 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 194 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 195 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 196 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 197 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 198 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 198 digital\$4 and ((laser with pulse\$4) and 'spatial light would top' between the pulse\$4 and 'spatial light would top' between the pulse\$					
34 353/31,34,94.ccls. and (laser and 'spatial light modulator') pulse\$4 and (348/755-760,764,770,771.ccls. and (laser and 'spatial light modulator') pulse\$4 and (353/31,34,94.ccls. and (laser and 'spatial light modulator') USPAT 2004/03/21 18:33 2004/03/21 18:43 2004/03/21 18:44 2004/03/21 18:44 2004/03/21 18:44 2004/03/21 18:45 2004/03/21 18:46 2004/03/21 19:19 2004/03/21 19:19 2004/03/21 19:19 2004/03/21 19:19 2004/03/21 19:19 2004/03/21 19:19 2004/03/21 19:19 2004/03/21 19:19 2004/03/21 19:04	_	220		USPAT	2004/03/21 18-43
1 1 1 1 1 1 1 1 1 1	_	Į.			
24 pulse\$4 and (348/755-760,764,770,771.ccls. and (1aser and 'spatial light modulator') pulse\$4 and (353/31,34,94.ccls. and (1aser and 'spatial light modulator') uSPAT 2004/03/21 18:44 2004/03/21 18:43 2004/03/21 18:56 2004/03/21 19:04 2004/0	-	34		USPAI	2004/03/21 18:43
and (laser and 'spatial light modulator')) pulse\$4 and (353/31,34,94.cols. and (laser and 'spatial light modulator') 128		1			I
and (laser and 'spatial light modulator')) pulse\$4 and (353/31,34,94.cols. and (laser and 'spatial light modulator') 128	- 1	24		USPAT	2004/03/21 18:33
9	1]			1
and 'spatial light modulator') 359/237, 264, 238, 276, 291, 340, ccls. USPAT 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:56 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:04 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004	_	٥		USPAT	2004/03/21 18:44
1184 359/237, 264, 238, 276, 291, 340.ccls. USPAT 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:43 2004/03/21 18:56 2004/03/21 18:43 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 18:56 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 19:05 2004/03/21 1	i	1		001111	-001,05,21 10.44
122 359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator') pulse\$4 and (359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator')) 283 laser and 'spatial light modulator' and pulse\$4 USPAT 2004/03/21 18:56 EPO; JPO; DERWENT; IBM TDB US-PGPUB; EPO; JPO; DERWENT; IBM TDB U					
and 'spatial light modulator') pulse\$4 and (359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator') laser and 'spatial light modulator') laser and 'spatial light modulator' and pulse\$4 - 283 laser and 'spatial light modulator' and pulse\$4 - 187 digital\$4 and (laser and 'spatial light modulator' and pulse\$4) - 142 (laser with pulse\$4) and 'spatial light modulator' and pulse\$4) - 142 (laser with pulse\$4) and 'spatial light modulator'	-			1	
and 'spatial light modulator') pulse\$4 and (359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator') laser and 'spatial light modulator') laser and 'spatial light modulator' and pulse\$4 - 283 laser and 'spatial light modulator' and pulse\$4 - 187 digital\$4 and (laser and 'spatial light modulator' and pulse\$4) - 142 (laser with pulse\$4) and 'spatial light modulator' and pulse\$4) - 142 (laser with pulse\$4) and 'spatial light modulator'	-	122	359/237,264,238,276,291,340.ccls. and (laser	USPAT	2004/03/21 18:43
47 pulse\$4 and (359/337,264,238,276,291,340.ccls. and (1aser and 'spatial light modulator')) laser and 'spatial light modulator' and pulse\$4					1
(359/237,264,238,276,291,340.ccls. and (laser and 'spatial light modulator')) laser and 'spatial light modulator' and pulse\$4 - 187 digital\$4 and (laser and 'spatial light modulator' and pulse\$4 - 142 (laser with pulse\$4) and 'spatial light modulator' and pulse\$4 - 142 (laser with pulse\$4) and 'spatial light modulator' - 142 (laser with pulse\$4) and 'spatial light modulator' - 144 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 154 digital\$4 and (348750.ccls. and laser) - 155 digital\$4 and (348750.ccls. and laser) - 156 digital\$4 and (348755.757.ccls. and laser) - 157 digital\$4 and (348755.757.ccls. and laser) - 158 digital\$4 and (348755.757.ccls. and laser) - 159 digital\$4 and (348755.757.ccls. and laser) - 150 d	_	47		IICDAT	2004/03/21 19:19
Claser and 'spatial light modulator') laser and 'spatial light modulator' and pulse\$4 US-PGPUB; EPO; JPO; DERNERNT; IBM TDB US-PGPUB; EPO; JPO; DERNENT; IBM TDB US-PGPUB; EPO; JPO; DERNENT; IBM TDB US-PGPUB; EPO; JPO; DERNENT; IBM TDB US-PGPUB; EPO; JPO; DERNERNT; IBM TDB US-PGPUB; EPO; JPO; DENERNT; IBM TDB US-PGPUB; EPO; JPO; DEN	l	1 - 7		301111	2301,03,21 13.13
283 laser and 'spatial light modulator' and pulse\$4 SPGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:04 2004/03/21 19:05 2004/	l				
Pulse\$4 EPO; JPO; DERWENT; IEM_TDB US-PGPUB; EPO; JPO; DERWENT; IEM_TDB US-PAT 2004/03/21 19:04 US-PAT 2004/03/21 19:05 US-					1
Pulse\$4 EPO; JPO; DERWENT; IEM_TDB US-PGPUB; EPO; JPO; DERWENT; IEM_TDB US-PAT 2004/03/21 19:04 US-PAT 2004/03/21 19:05 US-	-	283	laser and 'spatial light modulator' and	US-PGPUB;	2004/03/21 18:56
DERMENT; IBM_TDB US-FGPUB; EPO; JPO; DERMENT; IBM_TDB (laser with pulse\$4) and 'spatial light modulator' digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' (laser with pulse\$4) and 'spatial light modulator') (laser with pulse\$4) and 'spatial light modulator' digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' alse digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') beautiful light modulator') 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' alse digital\$4 and (laser with pulse\$4) and 'spatial light modulator') beautiful light modulator') 23 pulse\$4 and (348/750.ccls. and laser) beautiful light modulator') 23 pulse\$4 and (348/750.ccls. and laser) beautiful light modulator') 24 digital\$4 and (laser with pulse\$4) and 'spatial light modulator' beautiful light modulator') 25 pulse\$4 and (348/750.ccls. and laser) beautiful light modulator') 26 pulse\$4 and (348/750.ccls. and laser) beautiful light modulator') 27 pulse\$4 and (348/750.ccls. and laser) beautiful light modulator') 28 pulse\$4 and (348/750.ccls. and laser) beautiful light modulator') 29 pulse\$4 and (348/750.ccls. and laser) beautiful light modulator') 19:04 2004/03/21 19:05 19:04 2004/03/21 19:05 19:04 2004/03/21 19:05 19:04 2004/03/21 19:25 10:04/03/21 19:25 1				EPO: JPO:	1
187 digital\$4 and (laser and 'spatial light modulator' and pulse\$4) SPAT 2004/03/21 18:56 EPO; JPO; DERMENT; IBM_TDB US-PGPUB; EPO; JPO; DEMENT; IBM_TDB US-PGPUB; EPO			· ·		1
- 187 digital\$4 and (laser and 'spatial light modulator' and pulse\$4) - 142 (laser with pulse\$4) and 'spatial light modulator' - 142 (laser with pulse\$4) and 'spatial light modulator' - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 155 digital\$4 and ((laser with pulse\$4) and "spatial light modulator') - 156 digital\$4 and ((laser with pulse\$4) and "spatial light modulator' digital\$4 and ((laser with pulse\$4) and "spatial light modulator') - 155 digital\$4 and ((laser with pulse\$4) and "spatial light modulator') - 156 digital\$4 and ((laser with pulse\$4) and "spatial light modulator') - 157 digital\$4 and (348/750.ccls. and laser) - 158 digital\$4 and (348/750.ccls. and laser) - 159 digital\$4 and (348/750.ccls. and laser) - 150 digital\$4 digital\$4 and (348/750.ccls. and laser) - 150 digital\$4 digit				1	
modulator' and pulse\$4)		100	Aimina104 and (1 1 1-3 3) 3:	_	2004/02/03 ===
Table	-	187			2004/03/21 18:56
TBM_TDB			modulator' and pulse\$4)		1
142 (laser with pulse\$4) and 'spatial light modulator'				DERWENT;	[
142 (laser with pulse\$4) and 'spatial light modulator'				IBM TDB	
modulator' 88 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') 1300 (laser with pulse\$4) and 'spatial light modulator') 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') 44 348/750.ccls. and laser USPAT 2004/03/21 19:05 23 pulse\$4 and (348/750.ccls. and laser) USPAT 2004/03/21 19:19 23 pulse\$4 and (348/750.ccls. and laser) USPAT 2004/03/21 19:29 159 348/755-757.ccls. and laser USPAT 2004/03/21 19:24 54 348/755-757.ccls. and laser USPAT 2004/03/21 19:24 20 puls\$4 and (348/755-757.ccls. and laser) USPAT 2004/03/21 19:24 20 puls\$4 and (348/755-757.ccls. and laser) USPAT 2004/03/21 19:25 21 348/759.ccls. and laser USPAT 2004/03/21 19:25 22 321 348/760,764,770,771.ccls. and laser) USPAT 2004/03/21 19:25 23 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 24 35 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 25 36 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 26 37 puls\$4 and (348/760,764,770,771.ccls. and laser) USPAT 2004/03/21 19:25 27 puls\$4 and (348/760,764,770,771.ccls. and USPAT 2004/03/21 19:25 28 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 29 puls\$4 and (348/760,764,770,771.ccls. and USPAT 2004/03/21 19:25 20 32 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 20 32 348/760,764,770,771.ccls. and USPAT 2004/03/21 19:25 20 32 348/760,764,770,771.ccls. and USPAT 2004/03/21 19:25 20 32 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 32 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 33 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 34 34 34 34 34 34 34 34 34 34 34 34 34 3	_	142	(laser with pulse\$4) and 'spatial light	_	2004/03/21 19:04
B8 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 300 (laser with pulse\$4) and 'spatial light modulator' - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 23 pulse\$4 and (348/750.ccls. and laser) - 23 pulse\$4 and (348/750.ccls. and laser) - 24 348/755-757.ccls. and laser) - 25 348/755-757.ccls. and laser - 26 4348/755-757.ccls. and laser) - 27 9 348/755-757.ccls. and laser - 28 159 348/755-757.ccls. and laser) - 29 (puls\$4 and (348/750.ccls. and laser)) - 20 puls\$4 and (348/750.ccls. and laser)) - 348/759.ccls 348/759.ccls 348/759.ccls 348/759.ccls. and laser - 348/759.ccls. and laser - 348/759.ccls. and laser - 348/759.ccls. and laser) - 348/759.ccls. and laser - 35 348/760,764,770,771.ccls. and laser) - 36 348/759.ccls. and laser - 37 puls\$4 and (348/750,764,770,771.ccls. and laser) - 38 348/760,764,770,771.ccls. and laser - 39 348/760,764,770,771.ccls. and laser - 3004/03/21 19:25 - 31 puls\$4 and (348/750,764,770,771.ccls. and laser) - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - 32 (KRUSCHWITZ BRIAN-E - 3004/03/22 11:06		1.2	modulator!	•	-501, 55, 21 15.04
B8 digital\$4 and ((laser with pulse\$4) and SPAT SP			modulator		
- 88 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 300 (laser with pulse\$4) and 'spatial light modulator' - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator' - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 155 digital\$4 and (348/750.ccls. and laser) - 156 digital\$4 and (348/750.ccls. and laser) - 157 digital\$4 and (348/750.ccls. and laser) - 158 digital\$4 and (348/750.ccls. and laser) - 159 digital\$4 and (348/750.ccls. and laser) - 159 digital\$4 and (348/750.ccls. and laser) - 150 digital\$4 and (348/750.ccls. and laser) - 158 digital\$4 and (348/750.ccls. and laser) - 158 digital\$4 and (348/750.ccls. and laser) - 159 digital\$4 and (348/750.ccls. and laser) - 150 digital\$4 and (348/750.ccls. and las					
'spatial light modulator' EPO; JPO; DERWENT; IBM_TDB				IBM_TDB	
'spatial light modulator' EPO; JPO; DERWENT; IBM_TDB	-	88	digital\$4 and ((laser with pulse\$4) and	US-PGPUB;	2004/03/21 19:04
DERWENT; IBM TDB 300 (laser with pulse\$4) and 'spatial light modulator' 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') 44 348/750.ccls. and laser 2004/03/21 19:05 45 348/750.ccls. and laser 31 pulse\$4 and (348/750.ccls. and laser) 32 pulse\$4 and (348/750.ccls. and laser) 33 yuls\$4 and (348/750.ccls. and laser) 44 348/755-757.ccls. 45 348/755-757.ccls. and laser 46 348/755-757.ccls. and laser 47 yuls\$4 and (348/755-757.ccls. and laser) 48 yuls\$4 and (348/755-757.ccls. and laser) 49 (puls\$4 and (348/755-757.ccls. and laser) 40 yuls\$4 and (348/755-757.ccls. and laser) 41 yuls\$4 and (348/755-757.ccls. and laser) 42 yuls\$4 and (348/755-757.ccls. and laser) 43 yuls\$4 and (348/750.ccls. and laser) 44 yuls\$4 yuls\$					
- 300 (laser with pulse\$4) and 'spatial light modulator' - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light wispatial light modulator') - 44 348/750.ccls. and laser - 23 pulse\$4 and (348/750.ccls. and laser) - 23 pulse\$4 and (348/750.ccls. and laser) - 24 348/755-757.ccls 25 348/755-757.ccls 26 48/755-757.ccls. and laser - 27 28 48/755-757.ccls. and laser - 28 29 pulse\$4 and (348/755-757.ccls. and laser) - 34 348/755-757.ccls. and laser - 35 348/755-757.ccls. and laser - 36 348/755-757.ccls. and laser) - 36 348/759.ccls 37 pulse\$4 and (348/759.ccls. and laser) - 38 348/759.ccls. and laser - 39 348/759.ccls. and laser - 30 2 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - 30 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - 30 2 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - 30 2 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - 30 2 (MSPAT 2004/03/21 19:25 2004/03/21 2004/03/21 2004/03/21 2004/03/21 2004/03/21 2004/03/21 2004/03/21 2004/					1
- 300 (laser with pulse\$4) and 'spatial light modulator' - 154 digital\$4 and ((laser with pulse\$4) and 'spatial light modulator') - 44 348/750.ccls. and laser USPAT 2004/03/21 19:05 - 44 348/750.ccls. and laser USPAT 2004/03/21 19:19 - 23 pulse\$4 and (348/750.ccls. and laser) USPAT 2004/03/21 19:19 - 23 pulse\$4 and (348/750.ccls. and laser) USPAT 2004/03/21 19:24 - 159 348/755-757.ccls. and laser USPAT 2004/03/21 19:24 - 20 puls\$4 and (348/755-757.ccls. and laser) USPAT 2004/03/21 19:24 - 20 puls\$4 and (348/755-757.ccls. and laser) USPAT 2004/03/21 19:24 - 20 puls\$4 and (348/750.ccls. and laser) USPAT 2004/03/21 19:24 - 23 348/759.ccls. and laser USPAT 2004/03/21 19:25 - 23 348/759.ccls. and laser USPAT 2004/03/21 19:25 - 23 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 - 321 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 - 35 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 - 36 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 - 37 puls\$4 and (348/760,764,770,771.ccls. and laser) USPAT 2004/03/21 19:25 - 37 puls\$4 and (348/760,764,770,771.ccls. and laser) USPAT 2004/03/21 19:25 - 38 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E USPAT; 2004/03/22 11:06					
modulator' digital\$4 and ((laser with pulse\$4) and USPAT 2004/03/21 19:05 'spatial light modulator')	!			_	
- 154 digital\$4 and ((laser with pulse\$4) and	-	300	(laser with pulse\$4) and 'spatial light	USPAT	2004/03/21 19:04
- 154 digital\$4 and ((laser with pulse\$4) and					
'spatial light modulator') 44 348/750.ccls. and laser 23 pulse\$4 and (348/750.ccls. and laser) 24 uspat 2004/03/21 19:19 25 puls\$4 and (348/750.ccls. and laser) 26 yuls\$4 and (348/750.ccls. and laser) 27 yuls\$4 and (348/750.ccls. and laser) 28 yuls\$4 and (348/750.ccls. and laser) 29 yuls\$4 and (348/755-757.ccls. 20 yuls\$4 and (348/755-757.ccls. and laser) 20 yuls\$4 and (348/755-757.ccls. and laser) 21 yuls\$4 and (348/755-757.ccls. and laser) 22 yuls\$4 and (348/750.ccls. and laser) 23 yuls\$4 and (348/750.ccls. and laser) 24 yuls\$4 and (348/750.ccls. and laser) 25 yuls\$4 and (348/750.ccls. and laser) 26 yuls\$4 and (348/750.ccls. and laser) 27 yuls\$4 and (348/750.ccls. and laser) 28 yuls\$4 and (348/750.ccls. and laser) 29 yuls\$4 and (348/750.ccls. and laser) 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25	- 1	154		USPAT	2004/03/21 19:05
- 44 348/750.ccls. and laser pulse\$4 and (348/750.ccls. and laser) pulse\$4 and (348/750.ccls. and laser) puls\$4 and (348/750.ccls. and laser) puls\$4 and (348/750.ccls. and laser) uspat 2004/03/21 19:22 159 348/755-757.ccls. uspat 2004/03/21 19:24 54 348/755-757.ccls. and laser uspat 2004/03/21 19:24 puls\$4 and (348/755-757.ccls. and laser) uspat 2004/03/21 19:24 uspat 2004/03/21 19:24 uspat 2004/03/21 19:25 not (puls\$4 and (348/750.ccls. and laser)) not (puls\$4 and (348/750.ccls. and laser)) 348/759.ccls. 23 348/759.ccls. and laser uspat 2004/03/21 19:25 24 23 348/760.764.770,771.ccls. 32 348/760.764.770,771.ccls. and laser uspat 2004/03/21 19:25 37 puls\$4 and (348/760.764.770,771.ccls. and laser uspat 2004/03/21 19:25 37 puls\$4 and (348/760.764.770,771.ccls. and uspat 2004/03/21 19:25 37 puls\$4 and (348/760.764.770,771.ccls. and uspat 2004/03/21 19:25 37 puls\$4 and (348/760.764.770,771.ccls. and uspat 2004/03/21 19:25 38 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E) - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E) USPAT; 2004/03/22 11:06	i			1	=====================================
- 23 pulse\$4 and (348/750.ccls. and laser)					0004/00/00 55 55
- 23 puls\$4 and (348/750.ccls. and laser) - 159 348/755-757.ccls 20 348/755-757.ccls. and laser - 20 puls\$4 and (348/755-757.ccls. and laser) - 20 puls\$4 and (348/755-757.ccls. and laser) - 30 (puls\$4 and (348/755-757.ccls. and laser) - 4 (puls\$4 and (348/755-757.ccls. and laser)) - 5 (puls\$4 and (348/750.ccls. and laser)) - 6 (puls\$4 and (348/750.ccls. and laser)) - 79 348/759.ccls 12 puls\$4 and (348/759.ccls. and laser) - 13 348/760,764,770,771.ccls 14 348/760,764,770,771.ccls 15 348/760,764,770,771.ccls. and laser - 16 348/760,764,770,771.ccls. and laser - 17 37 puls\$4 and (348/760,764,770,771.ccls. and laser) - 18 348/760,764,770,771.ccls. and laser - 19 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E) - 19 USPAT (USPAT) - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25	-				
- 23 puls\$4 and (348/750.ccls. and laser) - 159 348/755-757.ccls 20 348/755-757.ccls. and laser - 20 puls\$4 and (348/755-757.ccls. and laser) - 20 puls\$4 and (348/755-757.ccls. and laser) - 30 (puls\$4 and (348/755-757.ccls. and laser) - 4 (puls\$4 and (348/755-757.ccls. and laser)) - 5 (puls\$4 and (348/750.ccls. and laser)) - 6 (puls\$4 and (348/750.ccls. and laser)) - 79 348/759.ccls 12 puls\$4 and (348/759.ccls. and laser) - 13 348/760,764,770,771.ccls 14 348/760,764,770,771.ccls 15 348/760,764,770,771.ccls. and laser - 16 348/760,764,770,771.ccls. and laser - 17 37 puls\$4 and (348/760,764,770,771.ccls. and laser) - 18 348/760,764,770,771.ccls. and laser - 19 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E) - 19 USPAT (USPAT) - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25 - 2004/03/21 19:25	-	23		USPAT	
- 159 348/755-757.ccls.	-	23		USPAT	2004/03/21 19:22
- 54 348/755-757.ccls. and laser	_				
- 20 puls\$4 and (348/755-757.ccls. and laser) USPAT 2004/03/21 19:24 2004/03/21 19:23 not (puls\$4 and (348/750.ccls. and laser)) 19:24 2004/03/21 19:23 2004/03/21 19:23 2004/03/21 19:24 2004/03/21 19:24 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 2004/03/21 19:25 2004/03/21 2004/03/21 19:25 2004/03/21 2004/03/21 19:25 2004/03/21 2004	_		·		
- 9 (puls\$4 and (348/755-757.ccls. and laser))	-			1	1. 1.
not (puls\$4 and (348/750.ccls. and laser)) - 79 348/759.ccls 23 348/759.ccls. and laser - 12 puls\$4 and (348/759.ccls. and laser) - 12 puls\$4 and (348/759.ccls. and laser) - 321 348/760,764,770,771.ccls 85 348/760,764,770,771.ccls. and laser - 13 puls\$4 and (348/760,764,770,771.ccls. and laser - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - USPAT; 2004/03/22 11:06	-				
not (puls\$4 and (348/750.ccls. and laser)) - 79 348/759.ccls 23 348/759.ccls. and laser - 12 puls\$4 and (348/759.ccls. and laser) - 12 puls\$4 and (348/759.ccls. and laser) - 321 348/760,764,770,771.ccls 85 348/760,764,770,771.ccls. and laser - 13 puls\$4 and (348/760,764,770,771.ccls. and laser - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E - USPAT; 2004/03/22 11:06	-	9	(puls\$4 and (348/755-757.ccls. and laser))	USPAT	2004/03/21 19:23
- 79 348/759.ccls. USPAT 2004/03/21 19:24 - 23 348/759.ccls. and laser USPAT 2004/03/21 19:25 - 12 puls\$4 and (348/759.ccls. and laser) USPAT 2004/03/21 19:25 - 321 348/760,764,770,771.ccls. USPAT 2004/03/21 19:25 - 85 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 - 37 puls\$4 and (348/760,764,770,771.ccls. and USPAT 2004/03/21 19:25 - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E USPAT; 2004/03/22 11:06	1			i	
- 23 348/759.ccls. and laser USPAT 2004/03/21 19:25 - 12 puls\$4 and (348/759.ccls. and laser) USPAT 2004/03/21 19:25 - 321 348/760,764,770,771.ccls. USPAT 2004/03/21 19:25 - 85 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 - 37 puls\$4 and (348/760,764,770,771.ccls. and USPAT 2004/03/21 19:25 - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E USPAT; 2004/03/22 11:06	_ 1	79		USPAT	2004/03/21 19-24
- 12 puls\$4 and (348/759.ccls. and laser) USPAT 2004/03/21 19:25 - 321 348/760,764,770,771.ccls. USPAT 2004/03/21 19:25 - 85 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 - 37 puls\$4 and (348/760,764,770,771.ccls. and USPAT 2004/03/21 19:25 laser) - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E USPAT; 2004/03/22 11:06	_				
- 321 348/760,764,770,771.ccls. USPAT 2004/03/21 19:25 85 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 90 2004/03/21 19:25 10 2004/03/21 19:25 10 2004/03/21 19:25 10 2004/03/21 19:25 10 2004/03/22 11:06	-		l		
- 85 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/22 11:06	-				
- 85 348/760,764,770,771.ccls. and laser USPAT 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/21 19:25 2004/03/22 11:06	-	321	348/760,764,770,771.ccls.	USPAT	2004/03/21 19:25
- 37 puls\$4 and (348/760,764,770,771.ccls. and USPAT 2004/03/21 19:25 laser) - 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E USPAT; 2004/03/22 11:06	_				
laser) - 32 (KRUSCHWITZ-BRIAN-E USPAT; 2004/03/22 11:06	_			1	2004/03/21 10:25
- 32 (KRUSCHWITZ KRUSCHWITZ-BRIAN-E USPAT; 2004/03/22 11:06	ĺ	3/		OSPAI	2004/03/21 19:25
	l	_			
KRUSCHWITZ-ET-AL).in. US-PGPUB	-	32		USPAT;	2004/03/22 11:06
	l		KRUSCHWITZ-ET-AL).in.	US-PGPUB	

_	8029	'pulsed laser'	USPAT	2004/03/22 11:05
-	169	'light modulator' and ('pulsed laser')	USPAT	2004/03/22 11:05
-	9	("5311351" "5548433" "5740190"	USPAT	2004/03/22 11:06
		"5828424" "6008929" "6233025"		
		"6233089" "6307663" "6459522").PN.		